



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

10/608,322

06/27/2003

Bach L. Nguyen

CEI1124JI220

7997

7590

10/19/2006

Larry G. Brown  
Motorola, Inc.  
Law Department  
8000 West Sunrise Boulevard  
Fort Lauderdale, FL 33322

EXAMINER

HUANG, WEN WU

ART UNIT

PAPER NUMBER

2618

DATE MAILED: 10/19/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/608,322

Applicant(s)

NGUYEN ET AL.

Examiner

Wen W. Huang

Art Unit

2618

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 09 August 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-9 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-9 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                                | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## DETAILED ACTION

Claims 1-9 are pending.

Claims 10-14 are canceled.

### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

1. Claims 1 and 2 are rejected under 35 U.S.C. 102(e) as being anticipated by Balle et al. (US Pub No. 2004/0242288 A1; hereinafter "Balle")

Regarding **claim 1**, Balle teaches a user interface for initiating a feature in a mobile communications unit (see Balle, fig. 2), comprising:

a flexible cover having at least one contact surface, wherein a user engages said contact surface to initiate the feature in the mobile communications unit (see Balle, fig. 2, component 342), and having at least one extension extending away from said flexible cover (see Balle, fig. 4, component 344 and para. [0042], line 5); and

a flexible sheet (see Balle, fig. 3, component 340 and para. [0042], lines 1-2), wherein said flexible cover and said flexible sheet are in a first position when

Art Unit: 2618

undisturbed (see Balle, fig. 3, para. [0038]) and a second position when being manipulated for incorporation into the mobile communications unit (see Balle, fig. 4, component 400 and para. [0042], lines 5-13), wherein said flexible sheet at least partially directs said flexible cover to return to said first position after said flexible cover and said flexible sheet are manipulated into said second position (see Balle, para. [0038], lines 3-5).

Regarding **claim 2**, Balle also teaches the user interface according to claim 1, wherein said extensions extending away from said flexible cover detachably engage at least one slot (see Balle, fig. 4, component 352) mounted on the mobile communications unit when said flexible cover is in said first position (see Balle, fig. 4, para. [0042], lines 5-9).

### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 3-6 and 9 are rejected under 35 U.S.C. 103(a) as being unpatentable over Balle as applied to claim 1 above, and further in view of Serizawa et al. (US 6,700,086 B2; hereinafter "Serizawa")

Regarding **claim 3**, Balle teaches the user interface according to claim 1.

Balle is silent to teaching that wherein said flexible sheet includes at least one extension extending away from said flexible sheet, said extensions of said flexible sheet corresponding to said extensions of said flexible cover. However, the claimed limitation is well known in the art as evidenced by Serizawa.

In the same field of endeavor, Serizawa teaches an user interface wherein said flexible sheet includes at least one extension extending away from said flexible sheet (see Serizawa, fig. 32, components 24 and 33), said extensions of said flexible sheet corresponding to said extensions of said flexible cover (see Serizawa, fig. 32, component 324).

Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention was made to combine the teaching of Balle with the teaching of Serizawa in order to provide an easy installation process (see Serizawa, col. 2, lines 16-27).

Regarding **claim 4**, Balle teaches the user interface according to claim 1.

Balle is silent to teaching that wherein said flexible cover is constructed of a material selected from the group consisting of rubber and plastic. However, the claimed limitation is well known in the art as evidenced by Serizawa.

In the same field of endeavor, Serizawa teaches an user interface wherein said flexible cover is constructed of a material selected from the group consisting of rubber and plastic (see Serizawa, col. 24, line 8 and col. 9, line 48).

Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention was made to combine the teaching of Balle with the teaching of Serizawa in order to provide an easy installation process (see Serizawa, col. 2, lines 16-27).

Regarding **claim 5**, Balle teaches the user interface according to claim 1.

Balle is silent to teaching that wherein said flexible sheet is constructed of metal. However, the claimed limitation is well known in the art as evidenced by Serizawa.

In the same field of endeavor, Serizawa teaches a user interface wherein said flexible sheet is constructed of metal (see Serizawa, fig. 32, component 24 and col. 10, lines 69-40; the electricity conductivity of the printed circuit reads on the limitation of being constructed of metal).

Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention was made to combine the teaching of Balle with the teaching of Serizawa in order to provide an easy installation process (see Serizawa, col. 2, lines 16-27).

Regarding **claim 6**, Balle teaches the user interface according to claim 1.

Balle is silent to teaching that further comprising at least one indicator, said indicator being disposed within and visible from said contact surface. However, the claimed limitation is well known in the art as evidenced by Serizawa.

In the same field of endeavor, Serizawa teaches a user interface further comprising at least one indicator, said indicator being disposed within and visible from said contact surface (see Serizawa, col. 21, lines 3-5 and col. 9, line 39).

Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention was made to combine the teaching of Balle with the teaching of Serizawa in order to provide an easy installation process (see Serizawa, col. 2, lines 16-27).

Regarding **claim 9**, Balle teaches the user interface according to claim 1.

Balle is silent to teaching that wherein the flexible cover includes a designation associated with a customer. However, the claimed limitation is well known in the art as evidenced by Serizawa.

In the same field of endeavor, Serizawa teaches a user interface wherein the flexible cover includes a designation associated with a customer (see Serizawa, col. 21, lines 3-5 and 26-30; col. 9, line 39).

Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention was made to combine the teaching of Balle with the teaching of Serizawa in order to provide an easy installation process (see Serizawa, col. 2, lines 16-27).

3. Claims 7 and 8 are rejected under 35 U.S.C. 103(a) as being unpatentable over Balle and Serizawa as applied to claim 6 above, and further in view of Nickum (US. 7,003,279 B2)

Regarding **claim 7**, the combination of Ball and Serizawa teaches the user interface according to claim 6.

However, the combination of Ball and Serizawa is silent to teaching that wherein said indicator informs the user of a status of a network connection.

But, Nickum teaches a user interface (see Nickum, col. 7, lines 6-8 and 45-46) wherein said indicator informs the user of a status of a network connection (see Nickum, col. 7, lines 61-63).

Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention was made to combine the teaching of Balle and Serizawa with the teaching of Nickum in order to provide a way to inform users of wireless services of a network condition (see Nickum, col. 1, lines 45-48).

Regarding **claim 8**, the combination of Ball and Serizawa teaches the user interface according to claim 6.

However, the combination of Ball and Serizawa is silent to teaching that wherein said indicator informs the user of the receipt of an incoming communications signal.



But, Nickum teaches a user interface (see Nickum, col. 7, lines 6-8 and 45-46) wherein said indicator informs the user of the receipt of an incoming communications signal (see Nickum, col. 7, lines 61-63).

Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention was made to combine the teaching of Balle and Serizawa with the teaching of Nickum in order to provide a way to inform users of wireless services of a network condition (see Nickum, col. 1, lines 45-48).

### ***Response to Arguments***

Applicant's arguments with respect to claims 1-9 have been considered but are moot in view of the new ground(s) of rejection.

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Wen W. Huang whose telephone number is (571) 272-7852. The examiner can normally be reached on 10am - 6pm.

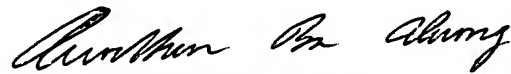
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nay A. Maung can be reached on (571) 272-7882. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

wwh

Wrt

10/16/06



10/16/06

QUOCHIEN B. VUONG  
PRIMARY EXAMINER